



Champaign, Illinois, Manufactured Gas Plant Site Progress Report – June 2009

All of us at the Ameren Illinois Utilities are committed to making certain you are fully informed with regard to the ongoing work at the site of the former manufactured gas plant at 5th and Hill streets in Champaign. Ameren will begin cleanup of soil impacted with gas manufacturing residues beginning the week of June 15, 2009. The cleanup will last approximately one to one and a half years and will consist of the following components:



Temporary Tent Structure: A temporary tent structure will cover the excavation areas to control dust and odors generated during the cleanup activities. The tent is constructed of a metal frame covered with an impervious fabric material. Overhead doors will allow the movement of trucks into and out of the structure during the cleanup project. The tent structure is designed to withstand high winds and snowstorms.

The tent structure is equipped with air handling units to maintain good air quality inside and outside the tent. Air will be passed through the

large carbon filtration units to capture dust and vapors from the excavation and vehicle exhaust prior to being released into the atmosphere. The temporary tent structure and air handling units will significantly reduce dust and/or odors on the site and surrounding area.

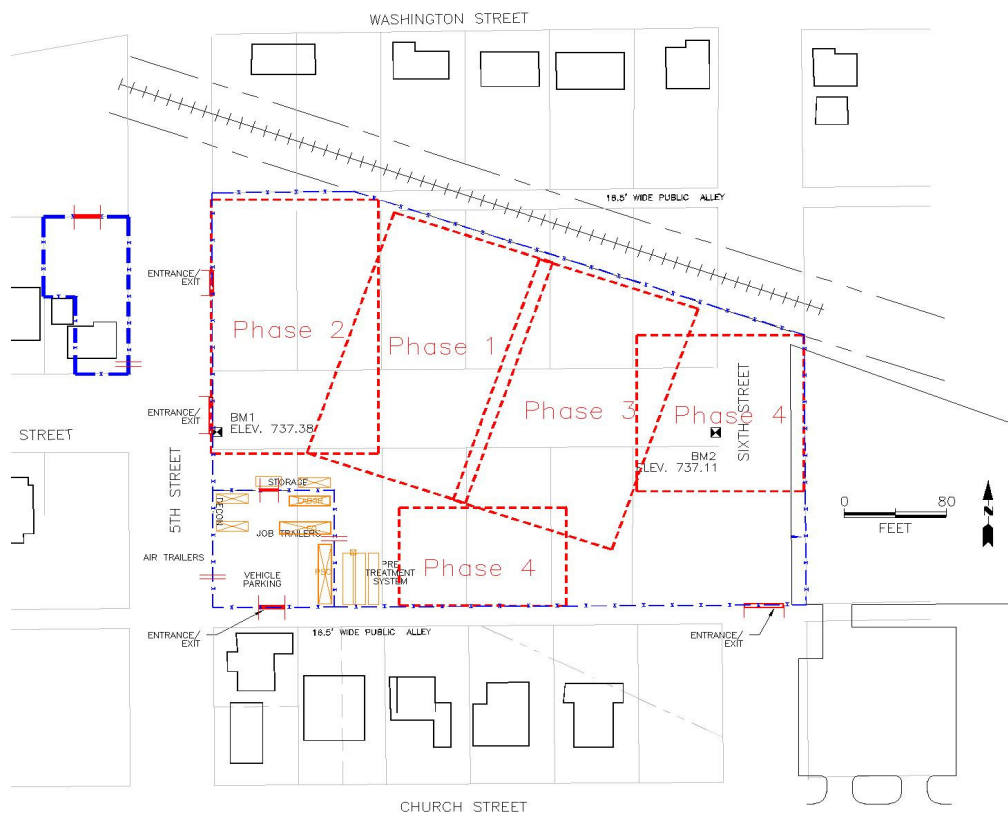
Soil Excavation: Approximately 32,000 cubic yards of soil will be removed from the former manufactured gas plant site using conventional excavation equipment. Impacted soil will be removed from the site and transported in covered trucks to an approved disposal facility. Samples will be collected in the excavated areas and sent to an independent laboratory to confirm that appropriate environmental standards have been met. After the impacted soil has been removed, the excavated areas will be backfilled with clean fill material brought to the site from an off-site location.



Excavation within tent structure at another Ameren site.

Haul Routes: Haul routes to and from the site have been discussed and approved by the City of Champaign. The routes were selected based upon the decision to utilize state routes and ensure that roads remain in good condition. Trucks leaving the site will go south on Sixth Street, east on Church Street, south on Wright Street, then east on University or west on Springfield to the landfill. The trucks will be covered in an effort to keep the roads clean and safe for other drivers. If necessary, the streets near the site will be swept on a daily basis.

Cleanup Phases: The tent structure is not large enough to cover the entire area to be excavated; therefore, the cleanup will be completed in four phases. The tent will be moved for each phase. The four cleanup phases are illustrated below.



Tent Relocation: In an effort to minimize the amount of time between phases, Ameren and PSC developed a structure relocation dolly system that allows the tent to be moved in its constructed state. This will eliminate the need to stop work for several weeks to deconstruct, move, then reconstruct the tent for each phase.



The tent relocation system consists of a series of specialized jacks that are attached to each tent footing. Once the jacks are securely in place, the structure can be lifted and rolled safely to its new location.



Air Monitoring: Ameren's contractor will implement a continuous ambient air monitoring program with two types of equipment during active remediation activities. Real-time monitoring is performed by an air technician walking the perimeter of the property hourly, taking air readings at twenty-one locations plus five stationary locations. The technician will use monitoring equipment that provides instantaneous readings. Stationary monitors around the perimeter of the property will record air quality continuously 24 hours a day from the beginning to the end of all remedial activities. Samples are also collected and shipped to an independent laboratory for analysis every 72 hours. This type of monitoring is used to evaluate long-term exposure to air in the vicinity of the remedial activities and to demonstrate that the remedial activities have no significant impact to human health or the environment in the vicinity of the site.



Air monitoring station (left) and meteorological station (right).



In-Situ Treatment: We intend to apply "in-situ" or in place treatment methods to address deep MGP impacts to soil and groundwater. A pilot study will be conducted to determine the necessary amount of the chemical oxidant to be used. The study will consist of eighteen temporary wells installed on the northwest corner of the Ameren property to inject a chemical oxidant that will break down the gas manufacturing residues in the deep soil.

Work Schedule: Ameren is working with its contractor and the City to make sure the neighborhood is inconvenienced as little as possible. Work hours will be from approximately 7:00 a.m. to 5:00 p.m., Monday through Friday. (Work hours may be subject to change.)

Project Duration: The project will continue for approximately one to one and a half years or until the project objectives have been met. A project completion report will then be submitted to the Illinois EPA for review. Once the agency determines that the project objectives have been met, it will issue a “No Further Remediation” letter for the Ameren property.

Contacts: If you have questions about this project, you may call Mr. Leigh Morris at 1-217-535-5228 or by e-mail at lmorris@ameren.com. His mailing address is 200 W. Washington Street, Springfield IL 62701.

Should you want to discuss the Illinois EPA’s oversight role, contact Dr. Stan Black at 1-217-785-1427 or by e-mail at stan.black@illinois.gov. His mailing address is Office of Community Relations, Illinois EPA, PO Box 19276, Springfield IL 62794-9726.

In addition, we have placed a collection of documents associated with the project in a Site Information Repository located at the Douglass Branch of the Champaign Public Library at 504 E. Grove Street, Champaign. The telephone number of the library is 1-217-403-2090. Library hours are Monday – Thursday 10:00 a.m. until 8:00 p.m., Friday 10:00 a.m. until 6:00 p.m., Saturday 10:00 a.m. until 4:00 p.m.

The site information also is available at the Champaign City Building, located at 102 N. Neil Street, is open from 8:00 a.m. to 5:00 p.m. weekdays, unless otherwise posted. The report and fact sheets may be reviewed at the Information Desk located in the Atrium Lobby. If you have questions or the desk is temporarily un-staffed you may inquire at the Neighborhood Services Department in the same building or call 1-217-403-7070.